

Single or Multi Fiber made from fuse silica, plastic or any other material

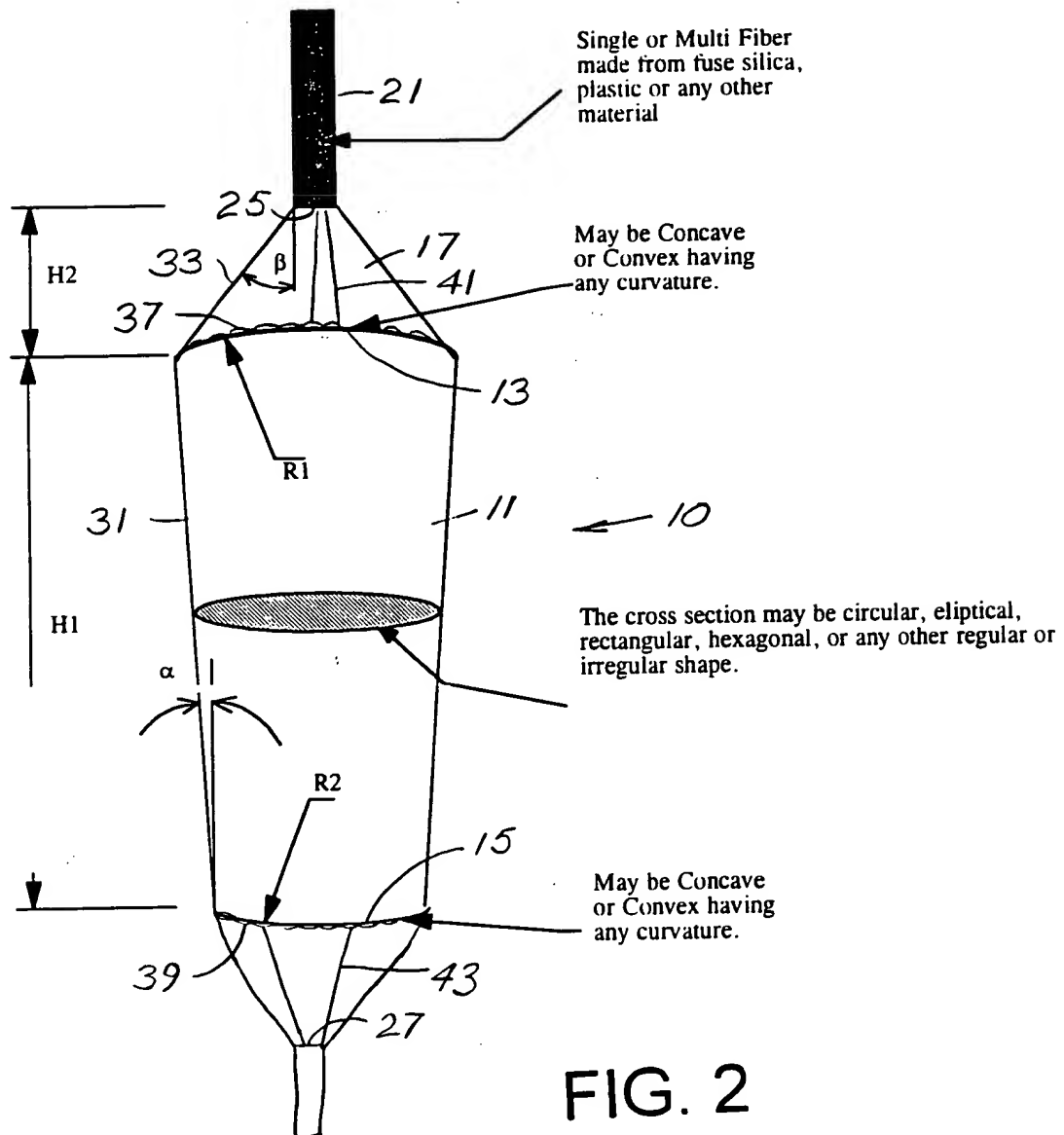
May be Concave or Convex having any curvature.

The cross section may be circular, elliptical, rectangular, hexagonal, or any other regular or irregular shape.

May be Concave or Convex having any curvature.

FIG. 1

FIG. 1



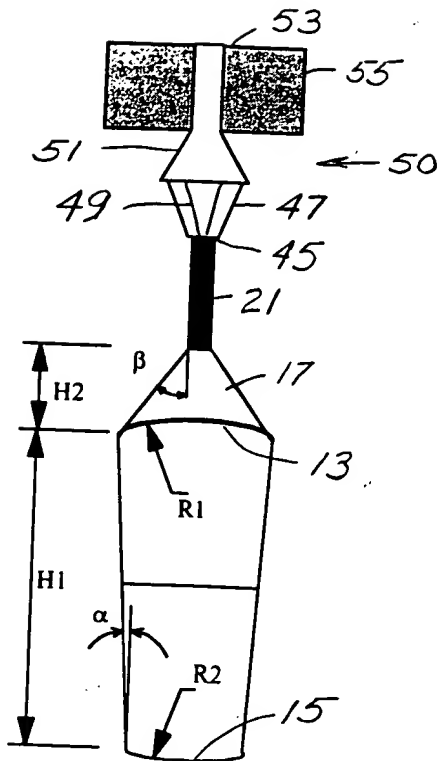


FIG. 3

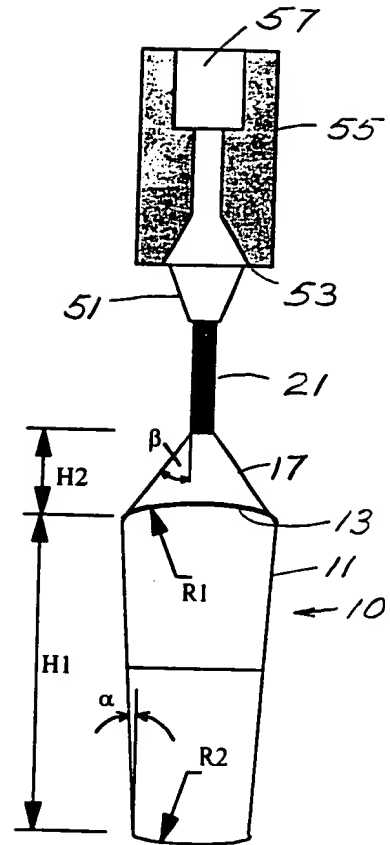


FIG. 4

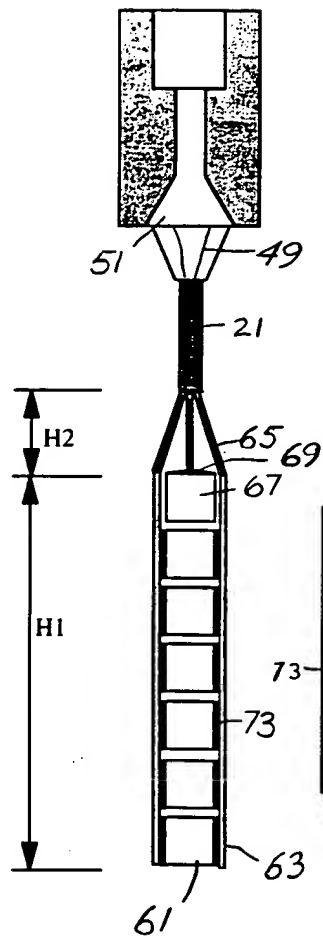


FIG. 5

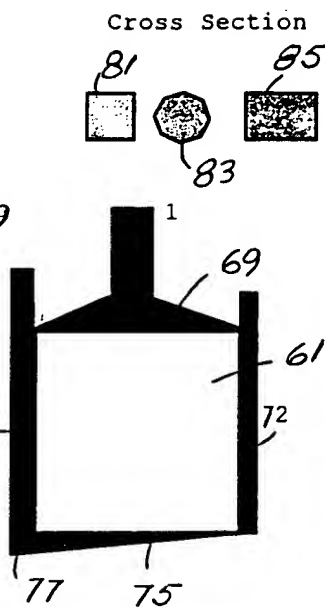


FIG. 6

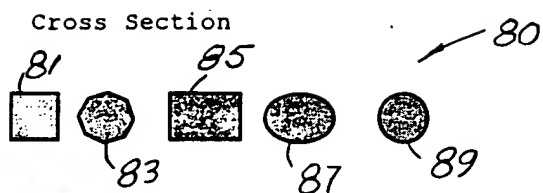


FIG. 7

1. coupling from the top
2. coupling from the side
3. coupling from the bottom and/or side.

The coupling is done by direct coupling to the crystal or via microlense tupe array on any of the crystal surfaces.

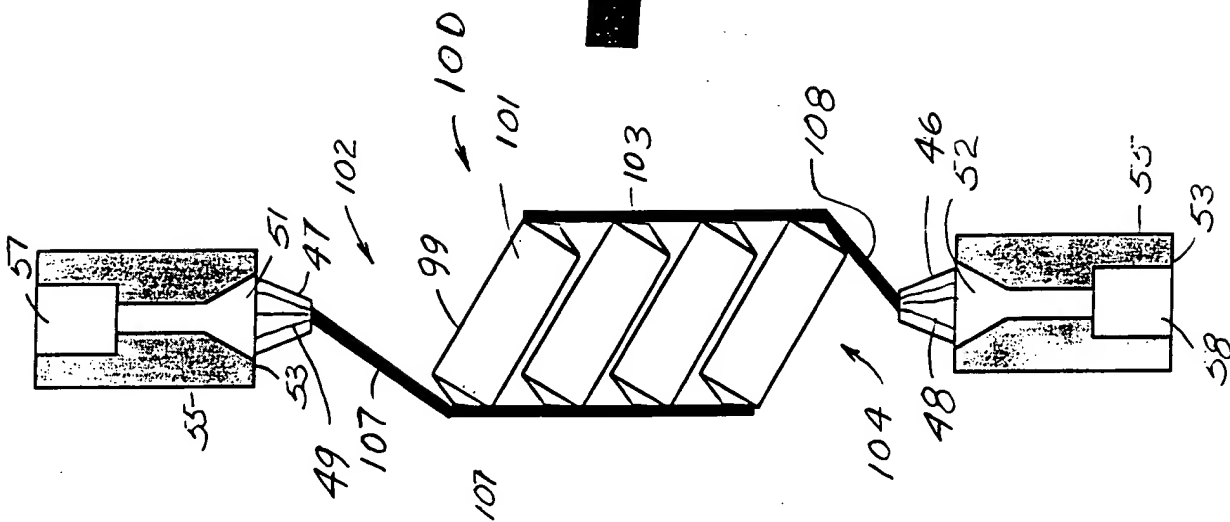


FIG. 10

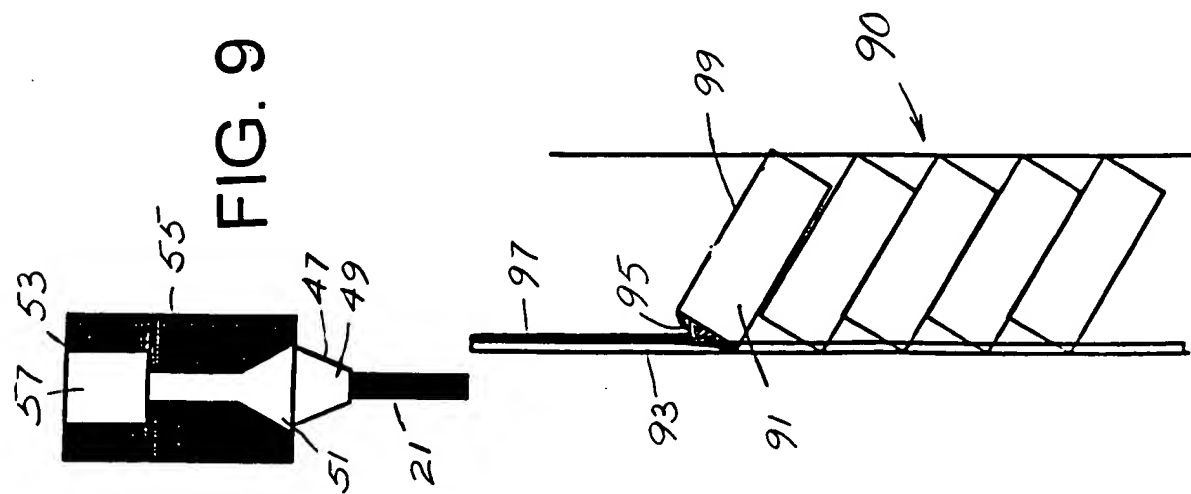


FIG. 9

FIG. 8

FIG. 11

Gamma Ray Plate Assembly

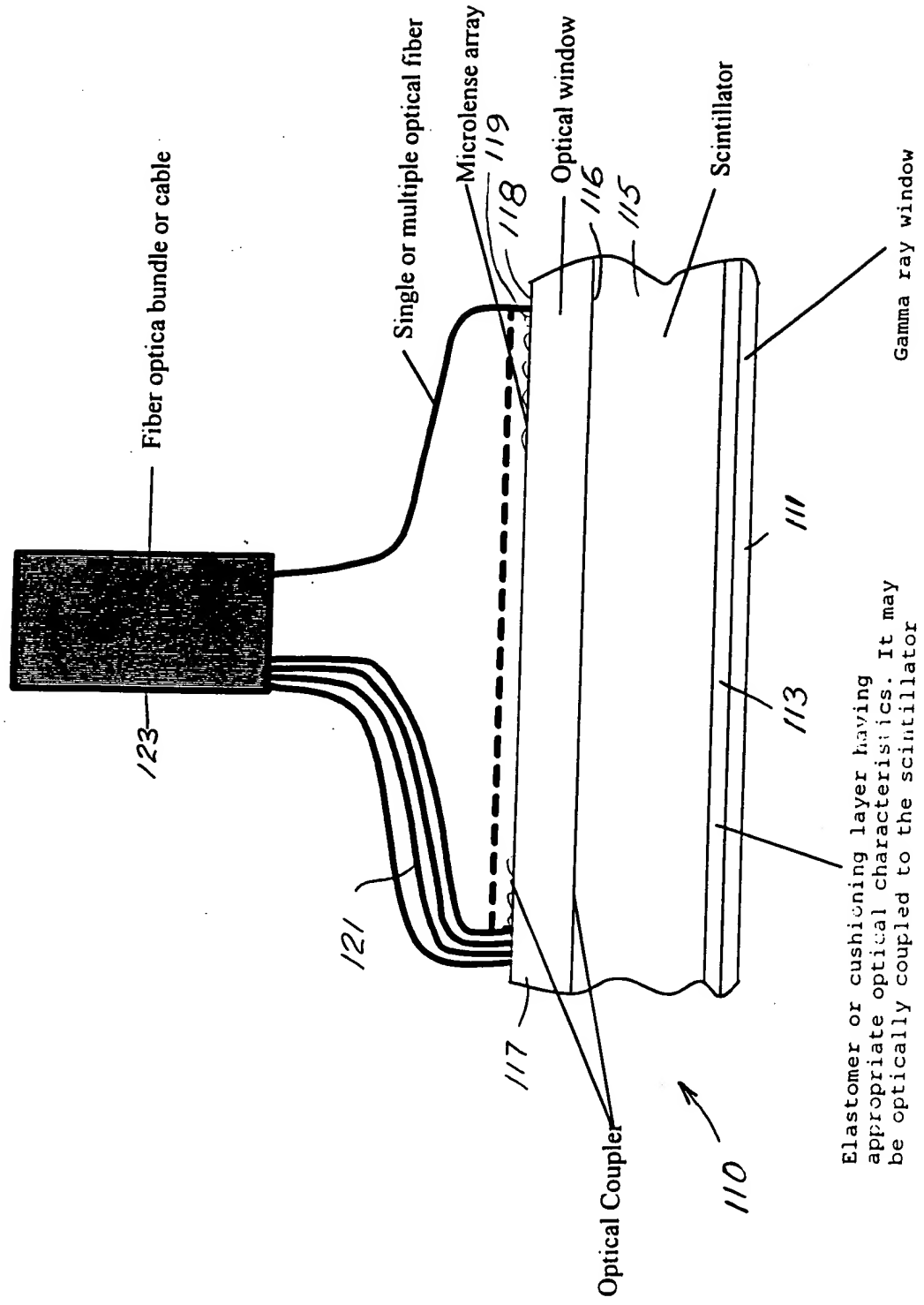
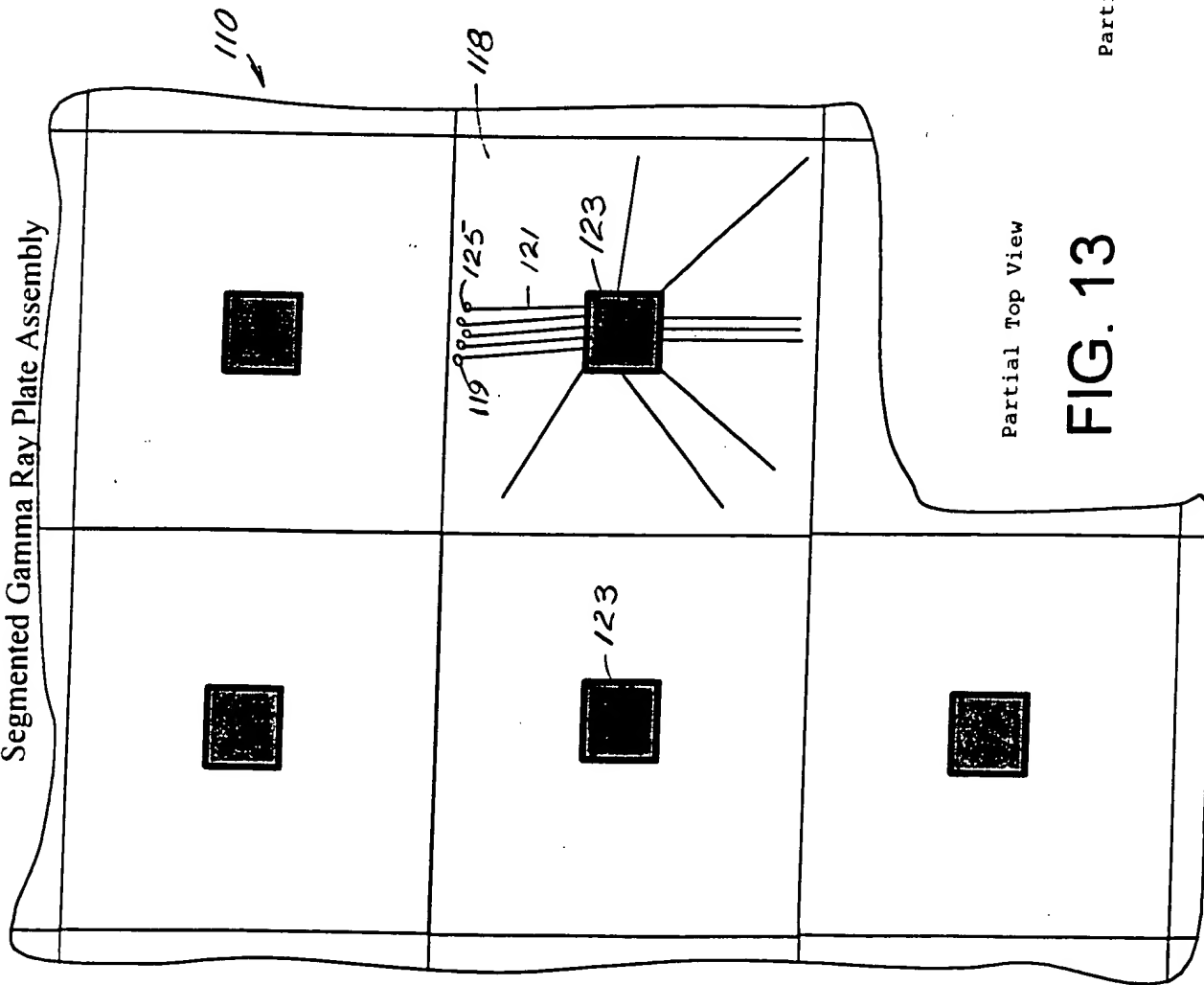


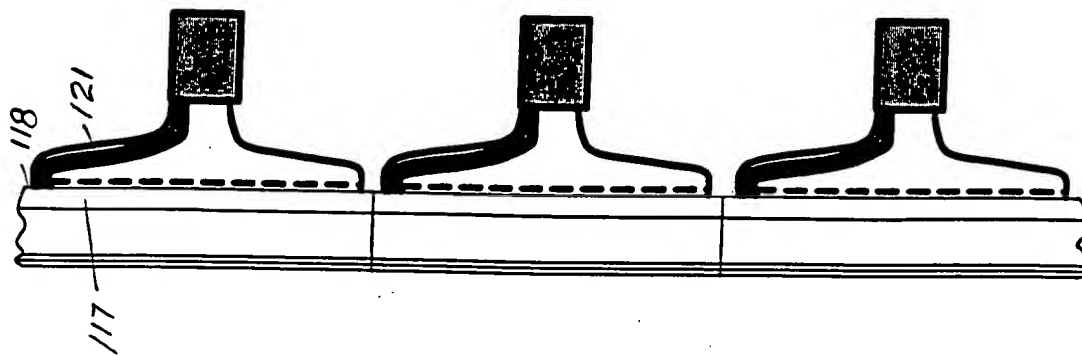
FIG. 12

Segmented Gamma Ray Plate Assembly



Partial Top View

FIG. 13



Partial Cross-sectional View

FIG. 14

Partial top view of afiber optic connected single plate gamma ray detector

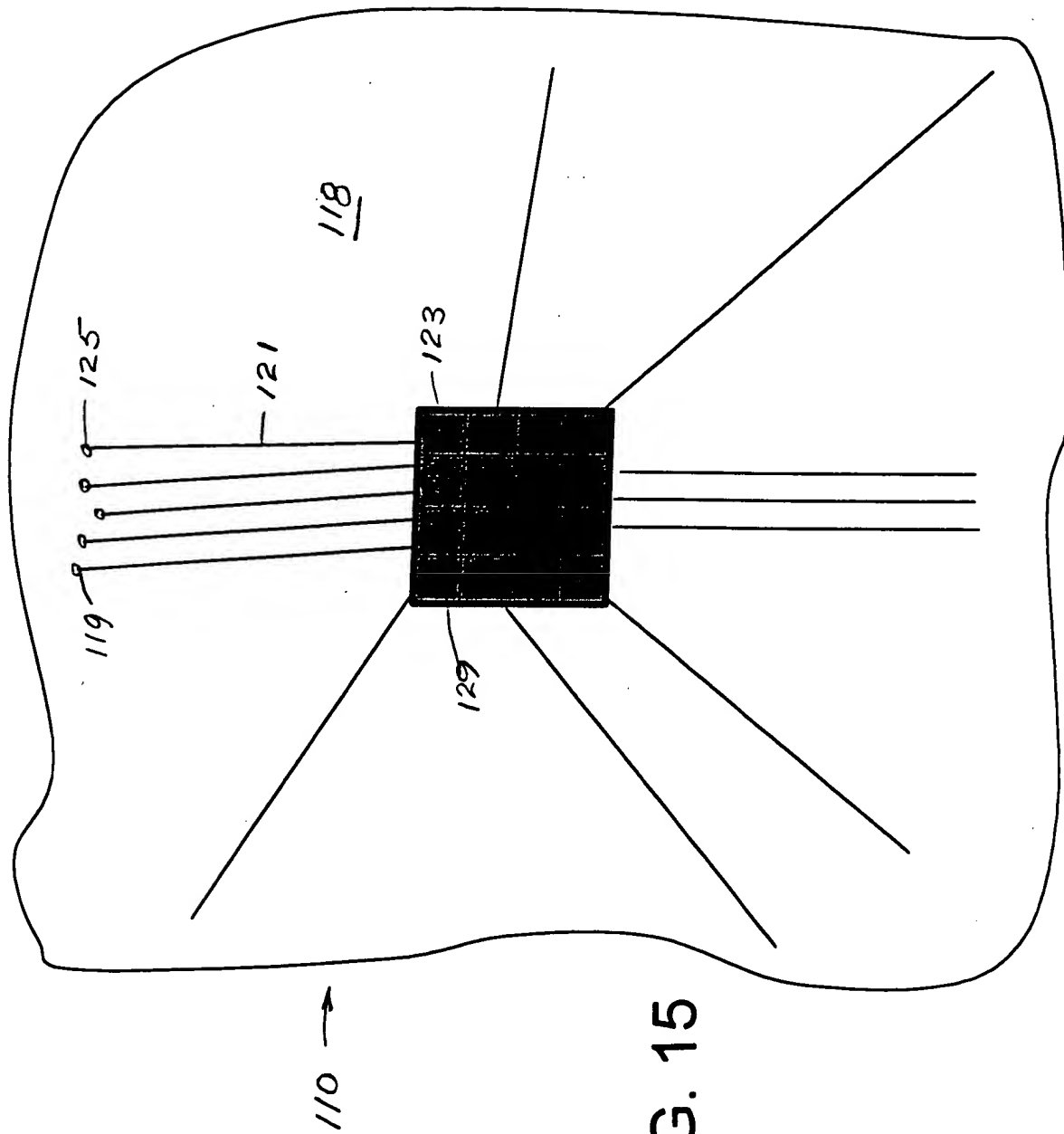


FIG. 15

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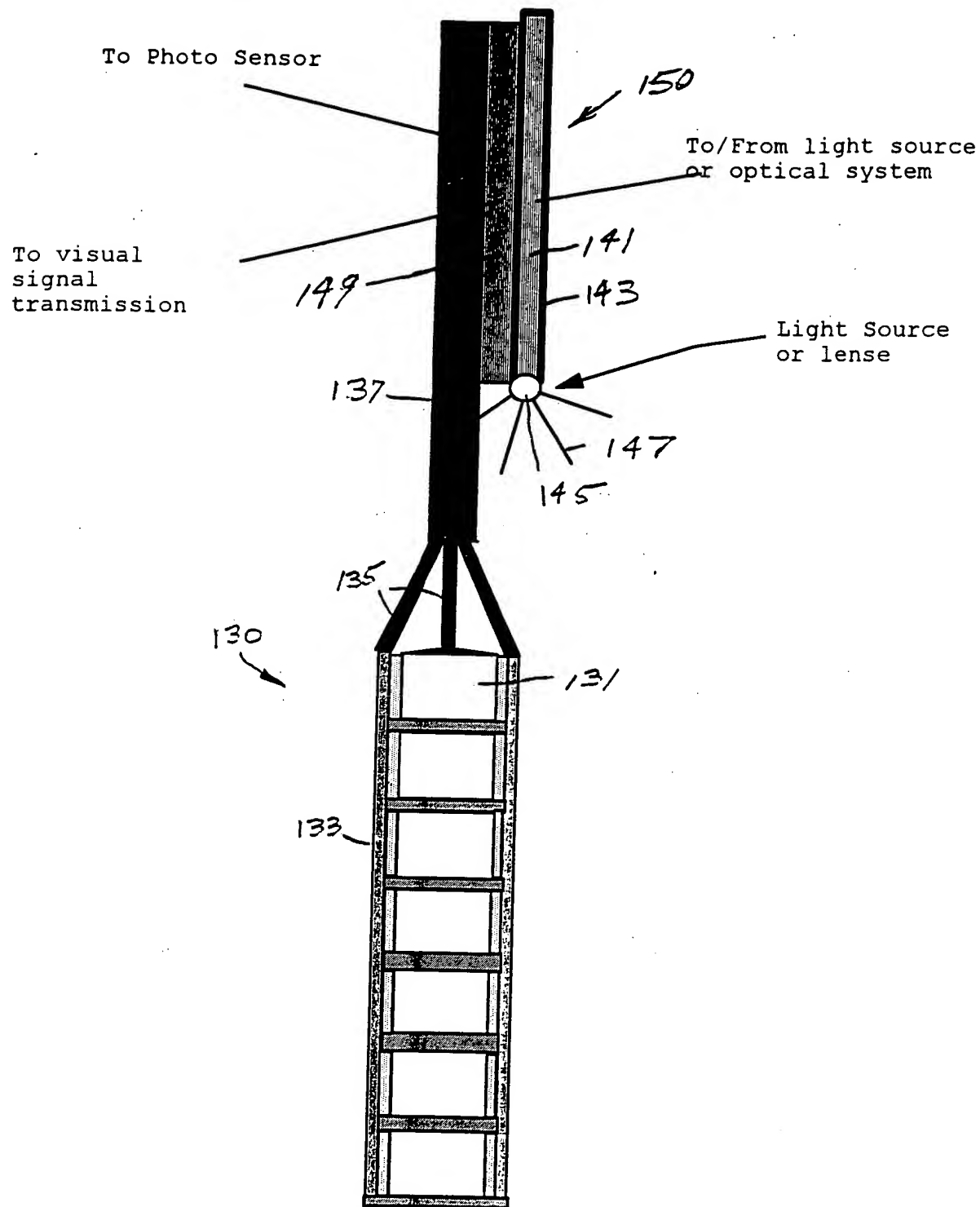


FIG. 16

schematic representation of x-ray or gamma ray inspection unit

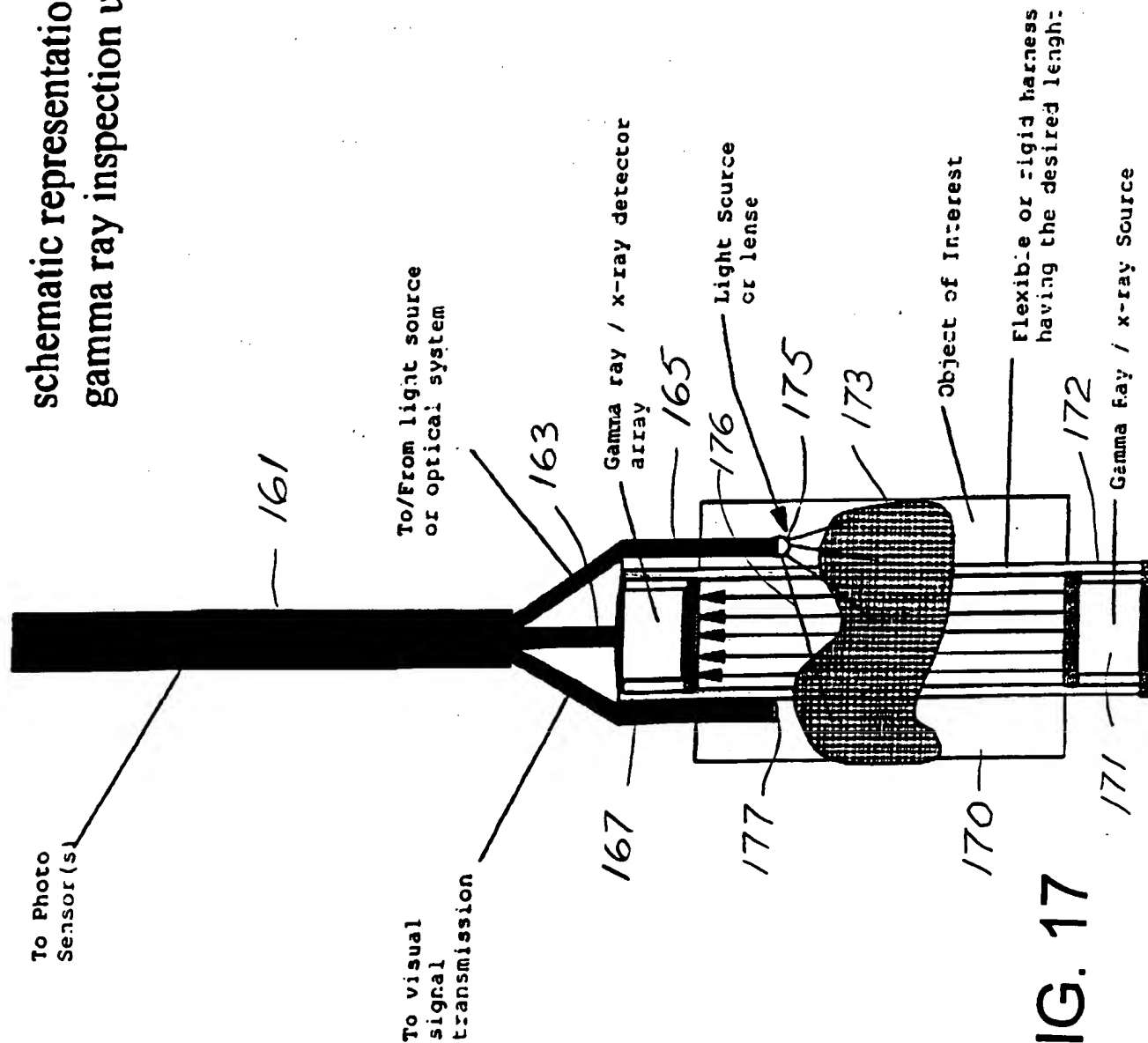


FIG. 17

Schematic of Gamma Camera with Patient Visual Record

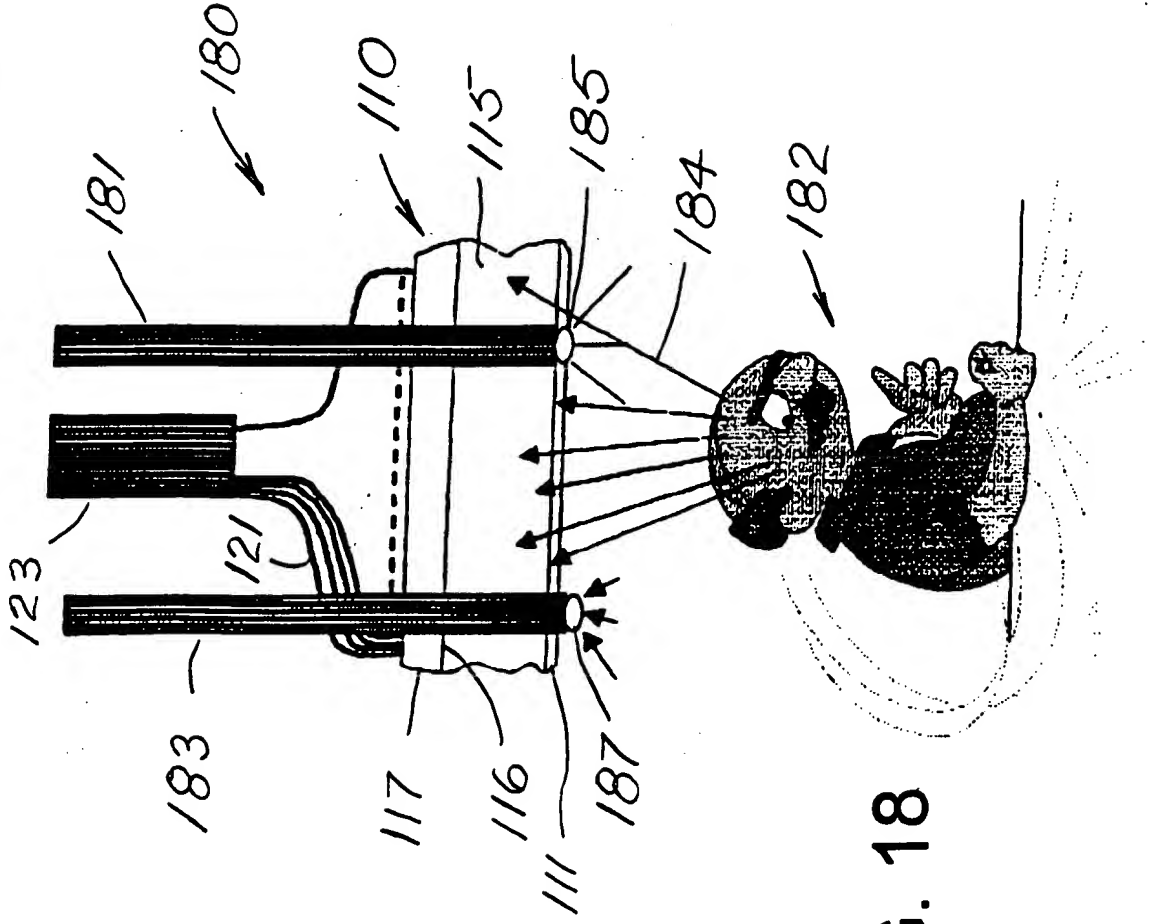


FIG. 18